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- A display device comprising a structured solid state selectively reflective layer formed inside a display cell, wherein said structured solid state selectively reflective layer transmits light that is not scattered by the display device and reflects a portion of light that is scattered in a forward direction by the display device back towards a viewer.
- 2. The display device of Claim 1 wherein the display device contains liquid crystals.
- 3. The display device of Claim 2 wherein the liquid crystals are polymer stabilized cholesteric liquid crystals.
- 4. The display device of Claim 2 wherein the liquid crystals are polymer dispersed liquid crystals.
- 5. The display device of Claim 2 wherein the liquid crystals are surface stabilized cholesteric liquid crystals.

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- 6. The display device of Claim 2 wherein the liquid crystals can be switched by means of an electric field from a transparent to a scattering state.
- 7. The display device of Claim 2 wherein the liquid crystals can be switched by thermal means from a transparent to a scattering state.
- 8. The display device of Claim 1 wherein the selectively reflective layer has a thickness of a least about 1 μm .
- 9. The display device of Claim 1 wherein the selectively reflective layer is a high or low refractive index material.
- 10. The display device of Claim 9 wherein the high refractive index material is a mixed oxide amorphous material.
- 11. The display device of Claim 9 wherein the low refractive index material is a fluorinated polymeric material.
- 12. The display device of Claim 1 wherein the selectively reflective layer is formed as a series of ridges substantially triangular in cross-section.

13.	The display device of Claim 1 wherein the
	selectively reflective layer is formed as a close
	packed rectilinear array of square pyramids.

- 14. The display device of Claim 1 wherein a transparent electrode layer is formed on top of the selectively reflective layer.
- 15. The display device of Claim 1 wherein a transparent electrode layer is formed between the selectively reflective layer and a light absorbing layer.
- 16. The display device of Claim 1 wherein the selectively reflective layer is designed to become reflective at angles less than a predetermined critical angle for propagation of light therethrough.

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